

Product datasheet for **MC201614**

Gpnmb (NM_053110) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpnmb (NM_053110) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpnmb
Synonyms:	DC-HIL; Dchil; ipd
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026375 sequence for NM_053110
 GCCGACACTGTGACTCCTGGTGGATGGGACTGGGGAGTCAGAGTCAAGCCCTGACTGGTTGCAGGCGCTC
 GGAGTCAGCATGGAAAGTCTCTGCGGGGTCTGGGATTTCTGCTGCTGGCTGCAGGACTGCCTCTCCAGG
 CTGCCAAGCGATTTCTGTGATGTGCTGGGCCATGAACAGTATCCCAATCACATGAGAGAGCACAACCAATT
 ACGTGGCTGGTCTTCGGATGAAAATGAATGGGATGAACACCTGTATCCAGTGTGGAGGAGGGGAGACGGC
 AGGTGGAAGGACTCCTGGGAAGGAGGCCGTGTGCAGGCAGTCTGACCAGTGACTCACCGCTCTGGTGG
 GTTCCAATATCACCTTTGTGGTGAACCTGGTGTCCCCAGATGCCAGAAGGAAGATGCTAATGGCAATAT
 CGTCTATGAGAAGAACTGCAGGAATGATTTGGGACTGACCTCTGACCTGCATGTCTACAACCTGGACTGCA
 GGGCAGATGATGGTACTGGGAAGATGGCACCAGCCGAAGCCAGCATCTCAGGTTCCCGGACAGGAGGC
 CCTTCCCTCGCCCCATGGATGGAAGAAATGGAGCTTTGTCTACGTCTTTCACACACTTGGCCAGTATTT
 CCAAAAACCTGGTTCGGTCTTTCAGCACGGGTTTCTATAAACACAGTCAACTTGACAGCTGGCCCTCAGGTC
 ATGGAAGTACTGCTTTTCAAGATACGGCCGGGCATACATTCCCATCTCGAAGGTGAAAGATGTGTATG
 TGATAACAGATCAGATCCCTGTATTCTGTGACCATGTCCCAGAAGAATGACAGGAACCTGTCTGATGAGAT
 CTTCTCAGAGACTCCCATCGTCTTCGATGTCTCATTATGATCCCAGCCACTTCTCAACGACTCT
 GCCATTTCTACAAGTGAACCTTTGGGGACAACACTGGCCTGTTTGTCTCCAACAATCACACTTTGAATC
 ACATTTATGTGCTCAATGGAACCTTCAACCTTAACCTCACCGTCAAACCTGCAGTGCCCGGGCCATGCC
 TCCCCCTTCGCCTTCGACTCCGCCTCCACCTTCAACTCCGCCCTCACCTCCGCCCTCACCTCGCCACA
 TTATCAACACCTAGCCCCCTTTAATGCCTACTGGTTACAAAATCCATGGAGCTGAGTGACATTTCCAATG
 AAAACTGCCGAATAAACAGATATGGCTACTTCAGAGCCACCATCACAATTGTAGAGGGGATCCTGGAAGT
 CAGCATCATGCAGATAGCAGATGTCCCATGCCACACCCGAGCCTGCCAACTCCCTGATGGACTTCACT
 GTGACCTGCAAAGGGGCCACCCCATGGAAGCCTGTACGATCATCTCCGACCCACCTGCCAGATCGCCC
 AGAACCCGGTCTGCAGCCCTGTGGCTGTGGATGGGCTGTGCCTGCTGTCTGTGAGAAGAGCCTTCAATGG
 GTCTGGCACCTACTGTGTAATTTCACTCTGGGAGATGATGCAAGCCTGGCCCTCACAGCACCCCTGATC
 TCTATCCCTGGCAAAGACCCAGACTCCCTCTGAGAGCAGTGAATGGTGTCTGATCTCCATTGGCTGCC
 TGGCTGTGCTTGTACCATGTTACCATCTTGCTGTACAAAAACACAAGGCGTACAAGCCAATAGGAAA
 CTGCCCCAGGAACACGGTCAAGGGCAAAGGCTGAGTGTCTCCTCAGCCACGCGAAAGCCCGTTCTTC
 CGAGGAGACCAGGAGAAGGATCCATTGCTCCAGGACAAGCCAAGGACACTTAAGTCTTTGGCCTCCCT
 CTGACCAGGAACCCACTTCTGTGCATGTATGTGAGCTGTGCAGAAGTATGTGGCTGGGAACTGTTGTT
 CTCTAAGGATTATTGAAAATGTATATCGTGGCTTAGGGAGTGTGGTTAAATAGCATTTTAGAGAAGACA
 TGGAAGACTTAGTGTCTTCCCATCTGTATTGTGGTTTTTACTGTTCGTGGGTGGACACGCTGTG
 TCTGAAGGGGAGGTGGGGTCACTGCTACTTAAGTCTTAGGTTAACTGGGGGAGATACCACAGATGCCTC
 AGCTTTCCACATAACATGGGCATGAACCCAGCTAATCACCACCTGAAGGCCATGCTTCATCTGCCTCCA
 ACTCACTGAGCATGCCTGAGCTCCTGACAAAATTATAATGGGCCCGGGCTTTGTGTATGGTGCCTGTGTG
 TACATATTCTACTCATTAAAAAGGTAGTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_053110

Insert Size: 1725 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC026375](#), [AAH26375](#)

RefSeq Size: 2299 bp

RefSeq ORF: 1725 bp

Locus ID: 93695

UniProt ID: [Q99P91](#)

Cytogenetics: 6 23.82 cM

Gene Summary: Could be a melanogenic enzyme.[UniProtKB/Swiss-Prot Function]